

BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2018-19/OW/WORK_INDENT31725/CALL-2

APPROVED SCHEDULE - B

EE/BTP/BBMP/E-PMT/13/2018-19, Date:28.11.2018

Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of K SHANKAR REDDY ()		
				In Figures		In Words
1	68.42	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts etc complete as per specifications and directions of engineer in charge of the work	Cum	847.65	57996.21	Rupees Eight Hundred Forty Seven and Sixty Five Paise Only
2	337.5	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum	315.38	106440.75	Rupees Three Hundred Fifteen and Thirty Eight Paise Only
3	890.17	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum	226.57	201685.82	Rupees Two Hundred Twenty Six and Fifty Seven Paise Only
4	89.78	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. etc complete as per specifications and directions of engineer in charge of the work	Cum	2534.26	227525.86	Rupees Two Thousand Five Hundred Thirty Four and Twenty Six Paise Only
5	486.75	Providing and injecting chemical emulsion for Pre- constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyrphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured) etc complete as per specifications and directions of engineer in charge of the work	Sqm	125.87	61267.22	Rupees One Hundred Twenty Five and Eighty Seven Paise Only
6	180.22	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	5834.56	1051504.40	Rupees Five Thousand Eight Hundred Thirty Four and Fifty Six Paise Only
7	518.73	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exclusive of cost of steel and fabrication charges) - Ready mixed Cement concrete for Beams, Staircase and Roof with M-25 etc complete as per specifications and directions of engineer in charge of the work	Cum	7270.72	3771540.59	Rupees Seven Thousand Two Hundred Seventy and Seventy Two Paise Only
8	200.49	First Floor	Cum	7326.22	1468833.85	Rupees Seven Thousand Three Hundred Twenty Six and Twenty Two Paise Only
9	374.4	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm	276.92	103678.85	Rupees Two Hundred Seventy Six and Ninety Two Paise Only

Signature of the contractor

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Executive Engineer

K. Shankar Reddy

Shankar Reddy

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of K SHANKAR REDDY ()		
				In Figures		In Words
10	253.86	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm	438.76	111383.61	Rupees Four Hundred Thirty Eight and Seventy Six Paise Only
11	392.7	First Floor	Sqm	444.31	174480.54	Rupees Four Hundred Forty Four and Thirty One Paise Only
12	103.38	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	5019.38	518903.50	Rupees Five Thousand Nineteen and Thirty Eight Paise Only
13	47.79	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	5999.99	286739.52	Rupees Five Thousand Nine Hundred Ninety Nine and Ninety Nine Paise Only
14	34.36	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	6522.67	224118.94	Rupees Six Thousand Five Hundred Twenty Two and Sixty Seven Paise Only
15	890.17	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour etc complete as per specifications and directions of engineer in charge of the work	Cum	152.25	135528.38	Rupees One Hundred Fifty Two and Twenty Five Paise Only
16	292.05	Earthwork excavation in soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour etc complete as per specifications and directions of engineer in charge of the work	Cum	304.50	88929.23	Rupees Three Hundred Four and Fifty Paise Only
17	120.32	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm	306.89	36925.00	Rupees Three Hundred Six and Eighty Nine Paise Only
18	340.16	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm	306.89	104391.70	Rupees Three Hundred Six and Eighty Nine Paise Only
19	333.97	First Floor	Sqm	312.44	104345.59	Rupees Three Hundred Twelve and Forty Four Paise Only
20	16.5	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm	569.43	9395.60	Rupees Five Hundred Sixty Nine and Forty Three Paise Only
21	16.5	First Floor	Sqm	574.98	9487.17	Rupees Five Hundred Seventy Four and Ninety Eight Paise
22	680.41	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm	460.34	313219.94	Rupees Four Hundred Sixty and Thirty Four Paise Only
23	586.86	First Floor	Sqm	465.89	273412.21	Rupees Four Hundred Sixty Five and Eighty Nine Paise Only

K. Shankar Reddy
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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of K SHANKAR REDDY ()		
				In Figures		In Words
24	509.98	Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not less than 1800 kg/m ³ and having a minimum average compressive strength 5.00 N/mm ² confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm	1123.28	572850.33	Rupees One Thousand One Hundred Twenty Three and Twenty Eight Paise Only
25	348.86	FIRST FLOOR	Sqm	1156.58	403484.50	Rupees One Thousand One Hundred Fifty Six and Fifty Eight Paise Only
26	0.32	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster grooves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Cum	123302.57	39456.82	Rupees One Hundred Twenty Three Thousand Three Hundred Two and Fifty Seven Paise Only
27	6.3	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) etc complete as per specifications and directions of engineer in charge of the work	Sqm	5566.03	35065.99	Rupees Five Thousand Five Hundred Sixty Six and Three Paise Only
28	83.79	SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size etc complete as per specifications and directions of engineer in charge of the work	Sqm	630.57	52835.46	Rupees Six Hundred Thirty and Fifty Seven Paise Only
29	11.03	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm for styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges etc complete as per specifications and directions of engineer in charge of the work	Sqm	3827.77	42220.30	Rupees Three Thousand Eight Hundred Twenty Seven and Seventy Seven Paise Only
30	579.36	Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement slurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm	1083.72	627864.02	Rupees One Thousand Eighty Three and Seventy Two Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of K SHANKAR REDDY ()		
				In Figures		In Words
31	975.24	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery etc complete as per specifications and directions of engineer in charge of the work	Kgs	99.06	96607.27	Rupees Ninety Nine and Six Paise Only
32	1.62	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any using aluminium section anodized to 12 - 15 microns etc complete as per specifications and directions of engineer in charge of the work	Sqm	4577.02	7414.77	Rupees Four Thousand Five Hundred Seventy Seven and Two Paise Only
33	44.82	FIRST FLOOR	Sqm	4580.35	205291.29	Rupees Four Thousand Five Hundred Eighty and Thirty Five Paise Only
34	3.12	Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications. size of gate 2.4mx1.4m. etc complete as per specifications and directions of engineer in charge of the work	Sqm	4834.76	15084.45	Rupees Four Thousand Eight Hundred Thirty Four and Seventy Six Paise Only
35	68.64	Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery etc complete as per specifications and directions of engineer in charge of the work	Sqm	3430.97	235501.78	Rupees Three Thousand Four Hundred Thirty and Ninety Seven Paise Only
36	570.25	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm	261.34	149029.14	Rupees Two Hundred Sixty One and Thirty Four Paise Only
37	682.43	First Floor	Sqm	266.89	182133.74	Rupees Two Hundred Sixty Six and Eighty Nine Paise Only
38	678.78	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm	294.90	200172.22	Rupees Two Hundred Ninety Four and Ninety Paise Only
39	420.39	First Floor	Sqm	300.45	126306.18	Rupees Three Hundred and Forty Five Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of K SHANKAR REDDY ()		
				In Figures		In Words
40	724.76	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing (Outside Wall) etc complete as per specifications and directions of engineer in charge of the work	Sqm	310.49	225030.73	Rupees Three Hundred Ten and Forty Nine Paise Only
41	529.89	FIRST FLOOR	Sqm	316.04	167466.44	Rupees Three Hundred Sixteen and Four Paise Only
42	136.79	Flooring with 25mm to 40mm thick polished tandur blue stone slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, , including cost of materials, labour, curing, polishing etc complete as per specifications and directions of engineer in charge of the work	Sqm	1343.85	183825.24	Rupees One Thousand Three Hundred Forty Three and Eighty Five Paise Only
43	429.2	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc complete as per specifications and directions of engineer in charge of the work	m	189.41	81294.77	Rupees One Hundred Eighty Nine and Forty One Paise Only
44	327.5	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm	1300.70	425979.25	Rupees One Thousand Three Hundred and Seventy Paise Only
45	121.7	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 etc complete as per specifications and directions of engineer in charge of the work	Tonne	72655.67	8842195.04	Rupees Seventy Two Thousand Six Hundred Fifty Five and Sixty Seven Paise Only
46	32.08	First Floor	Tonne	72655.67	2330793.89	Rupees Seventy Two Thousand Six Hundred Fifty Five and Sixty Seven Paise Only
47	72	Providing and fixing on wall surface 4.0 kg / sq.cm H.D.P.E. rain down water pipes 90 mm outer dia. approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work	m	513.09	36942.48	Rupees Five Hundred Thirteen and Nine Paise Only
					24726580.59	

K. Shankar Reddy
Signature of the Contractor

M. Chandrashekar
Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92

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